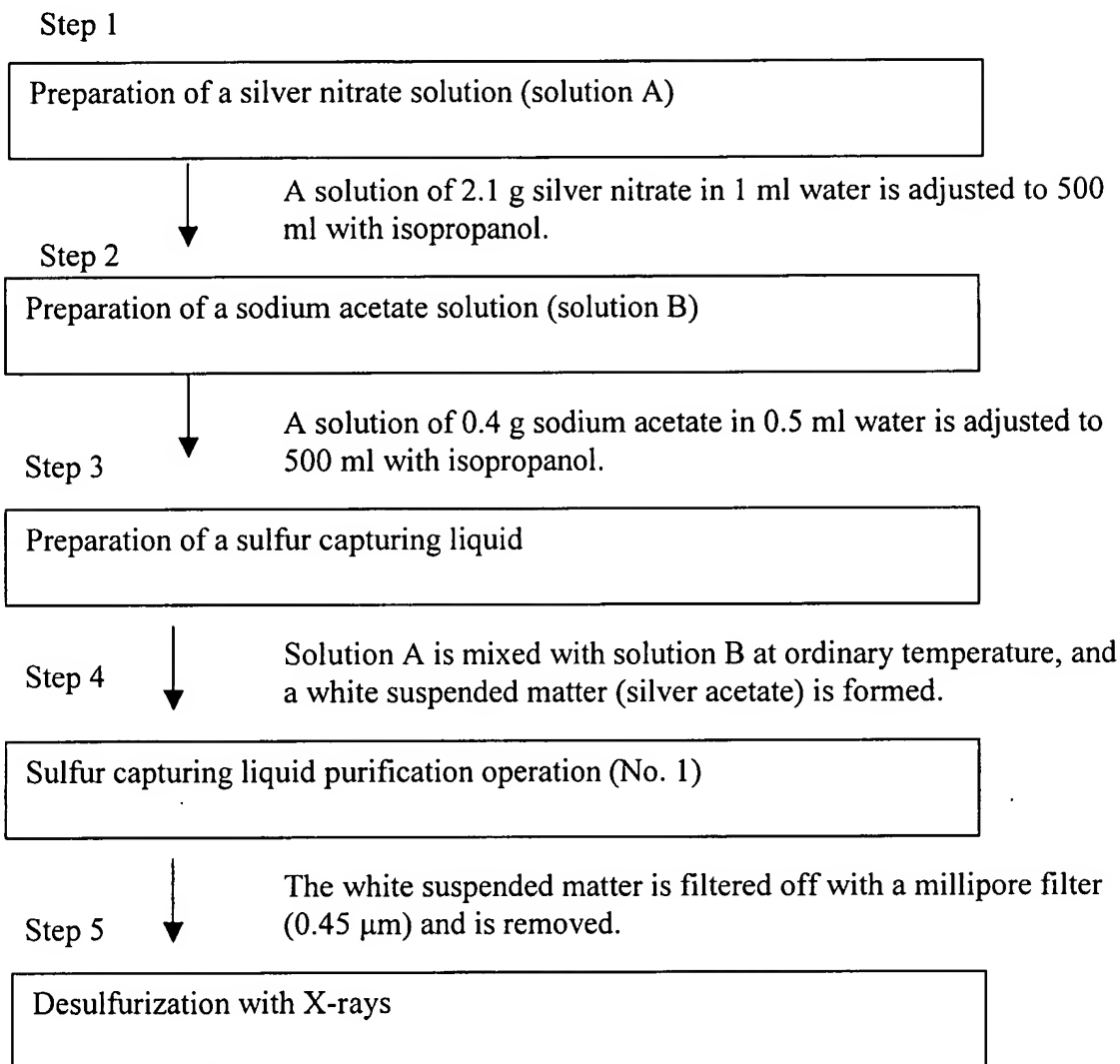




REPLACEMENT SHEET

Fig. 1A

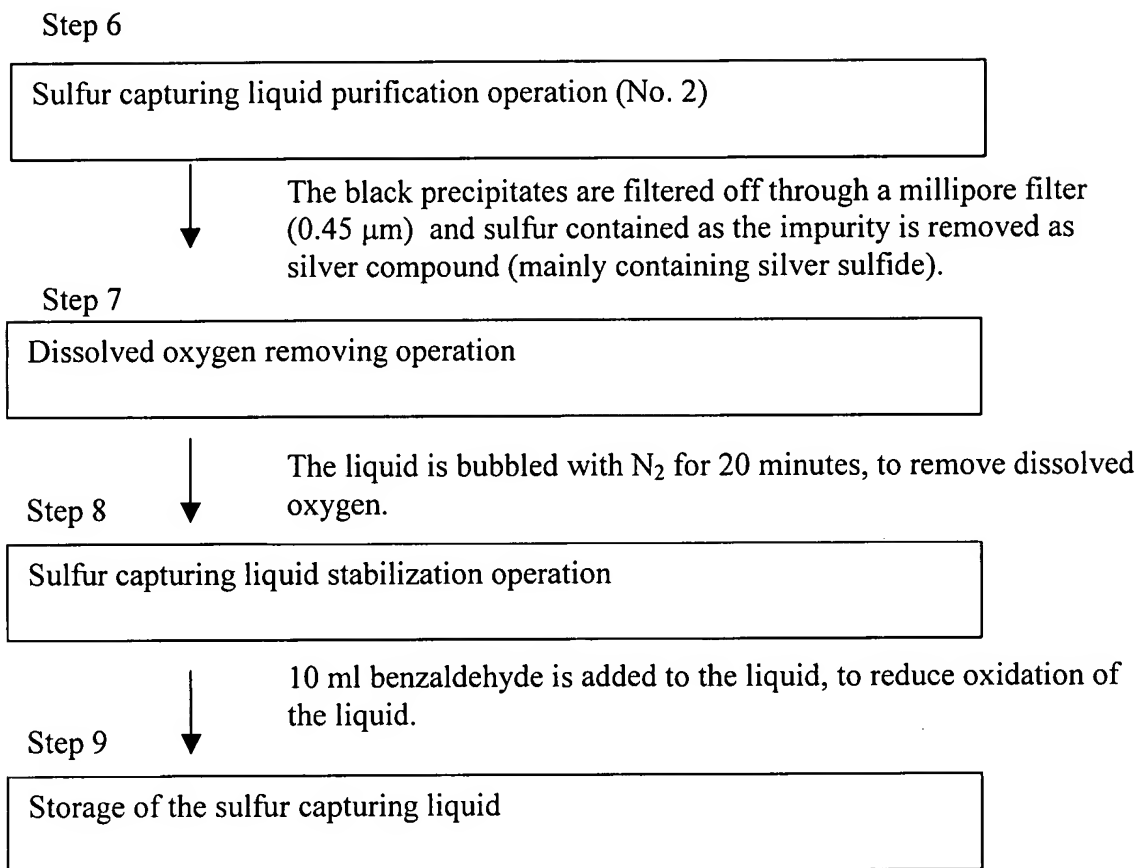


By irradiation with X-rays (X-rays containing the absorption edge wavelength (5.018 Å) of sulfur), sulfur contained as the impurity is changed into a silver compound containing silver sulfide. The time of irradiation with X-rays is 1 hour (for 15 ml container). The sample is then left.



REPLACEMENT SHEET

Fig. 1B

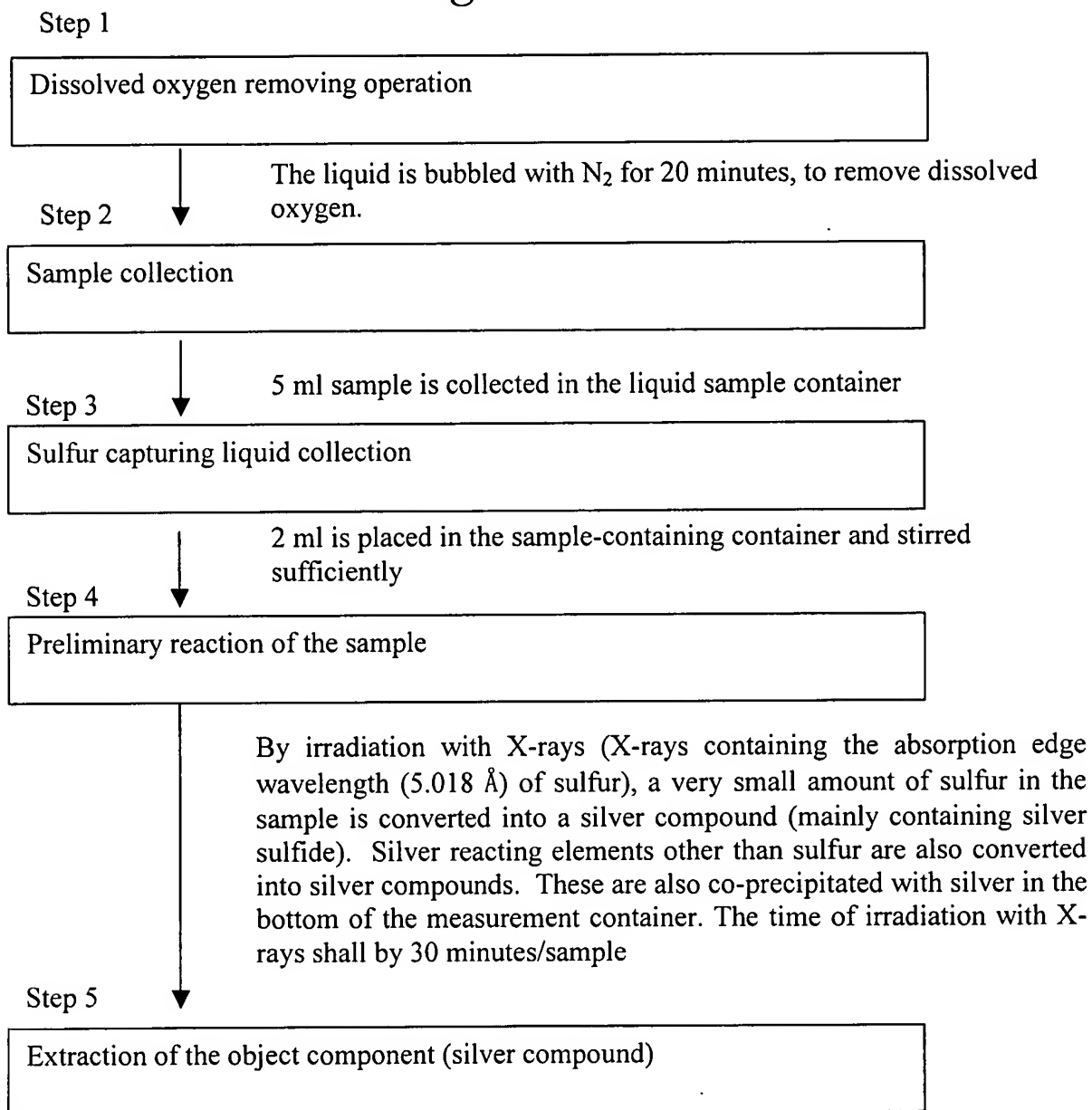


The liquid is stored in a cool and dark place.



REPLACEMENT SHEET

Fig. 2



In the presence of co-sedimented silver compounds and silver, scattered X-rays are increased and the absorption of a characteristic X-ray of S occurs, thus making analysis of a very small amount of sulfur difficult. Accordingly, ammonia or aldehyde is added to the sample and then left at a constant temperature (30 °C) for about 20 hours. By this operation, silver compounds and silver other than the object component are dissolved, diffused and removed from the sample measurement surface.